

Name: _____

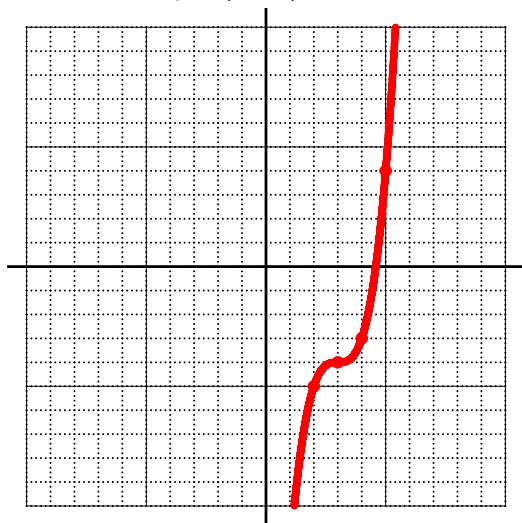
Date: _____

PCW__09__29 SOLUTION: Graph Parent Translations (version 10)

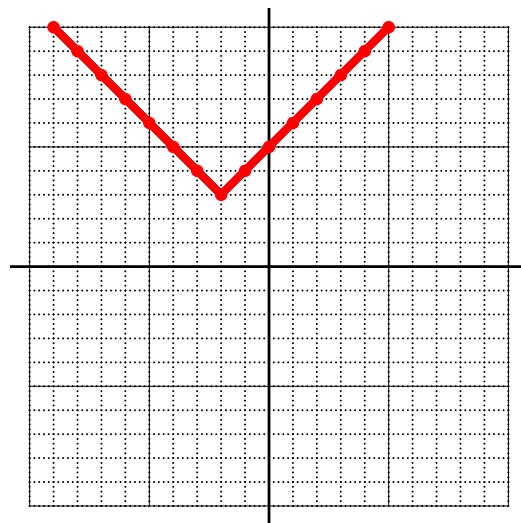
Graph each equation. Let the y axis be vertical and the x axis be horizontal. Also, let both axes be at unit scale, so each goes from -10 to 10 .

Clearly mark every solution where x and y are both integers with a small dot along the curve.

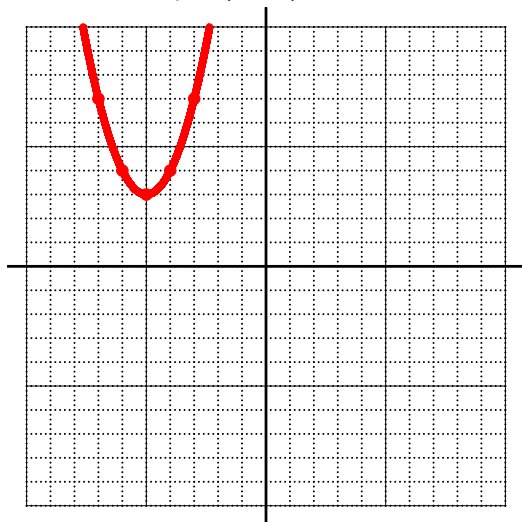
$$y = (x-3)^3 - 4$$



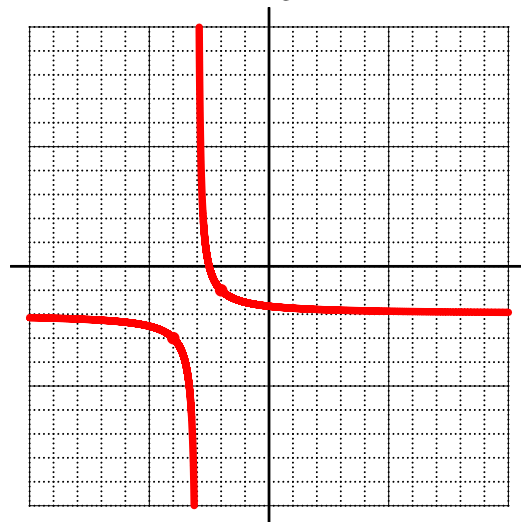
$$y = |x+2| + 3$$



$$y = (x+5)^2 + 3$$

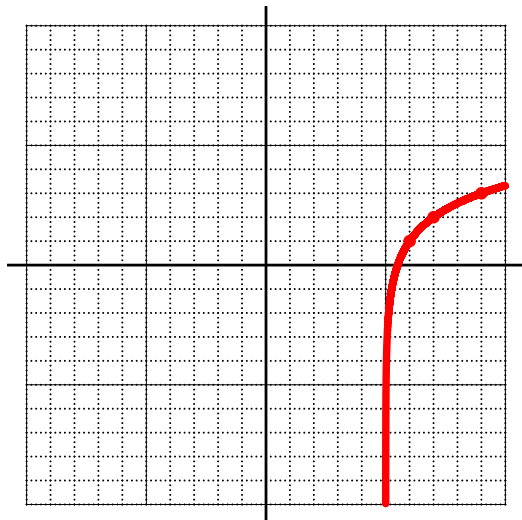


$$y = \frac{1}{x+3} - 2$$

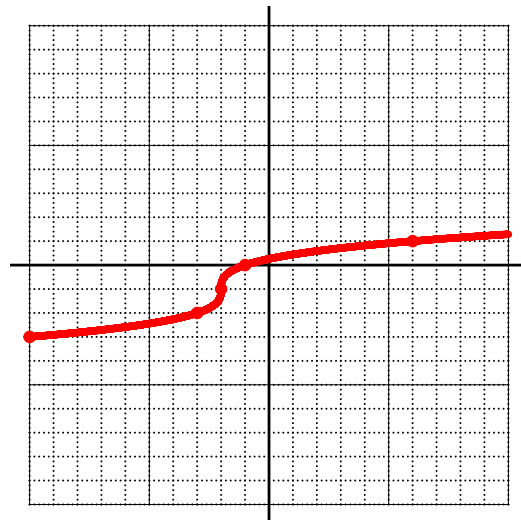


PCW_09_29 SOLUTION: Graph Parent Translations (version 10)

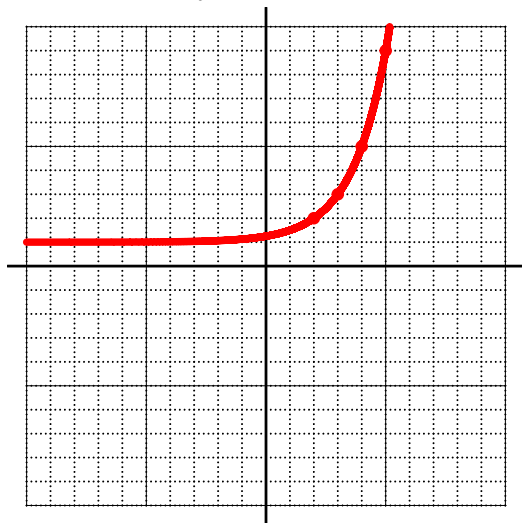
$$y = \log_2(x - 5) + 1$$



$$y = \sqrt[3]{x + 2} - 1$$



$$y = 2^{x-2} + 1$$



$$y = \sqrt{x - 2} + 5$$

